

FIG. 1

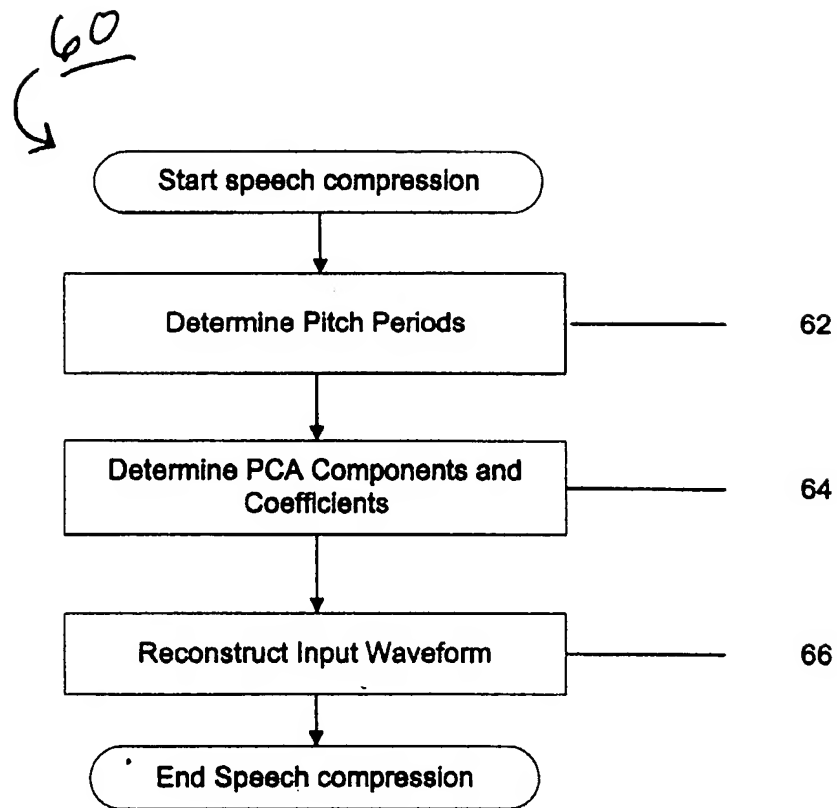


FIG. 2

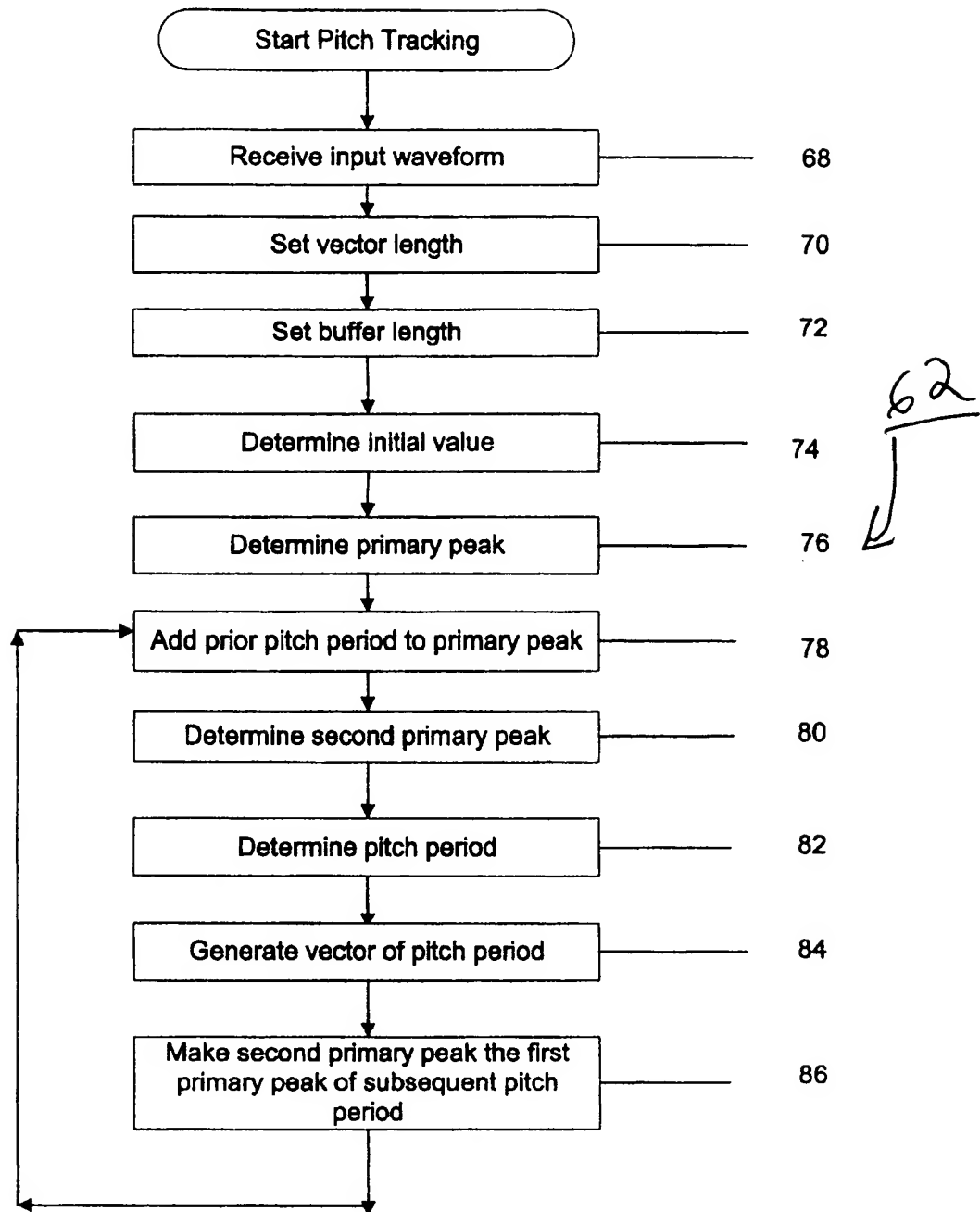
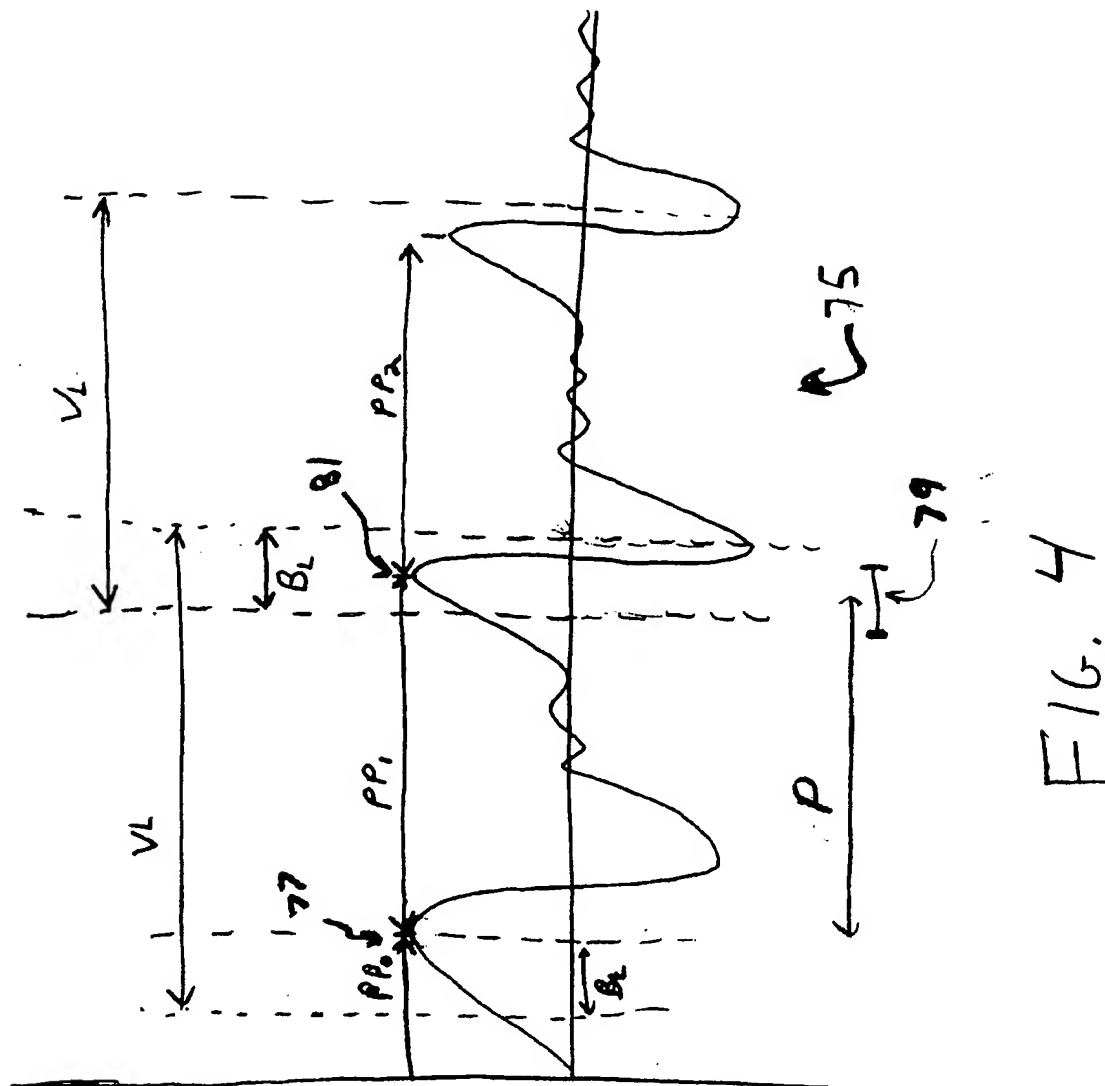
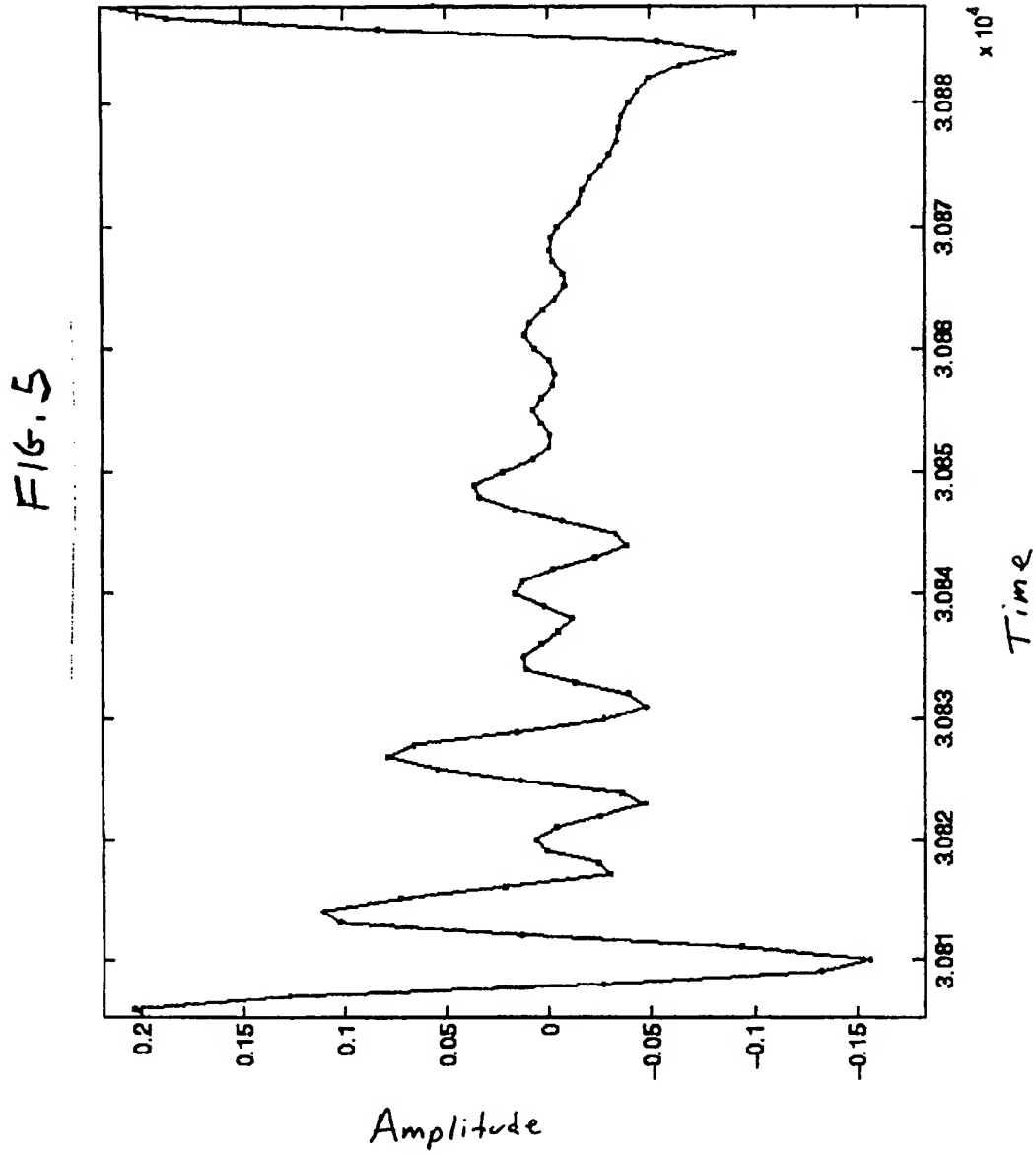


FIG. 3





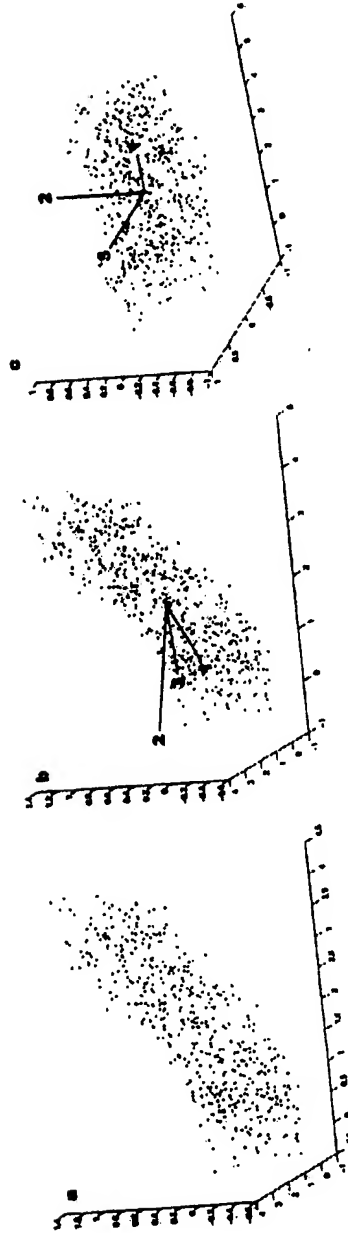


FIG. 6C

FIG. 6B

FIG. 6A

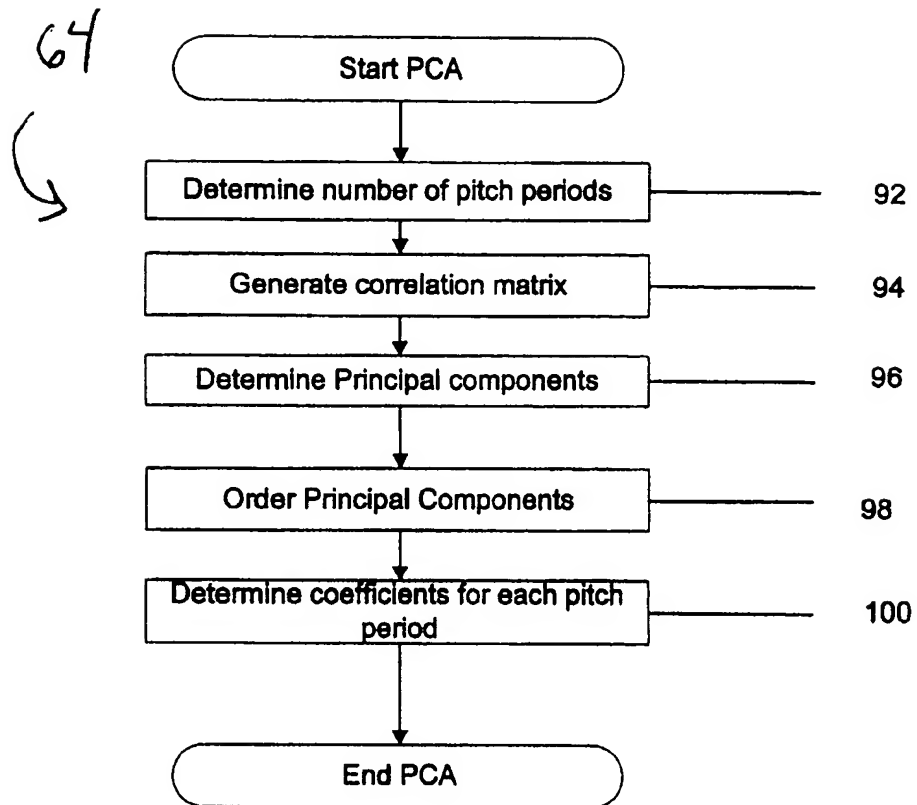
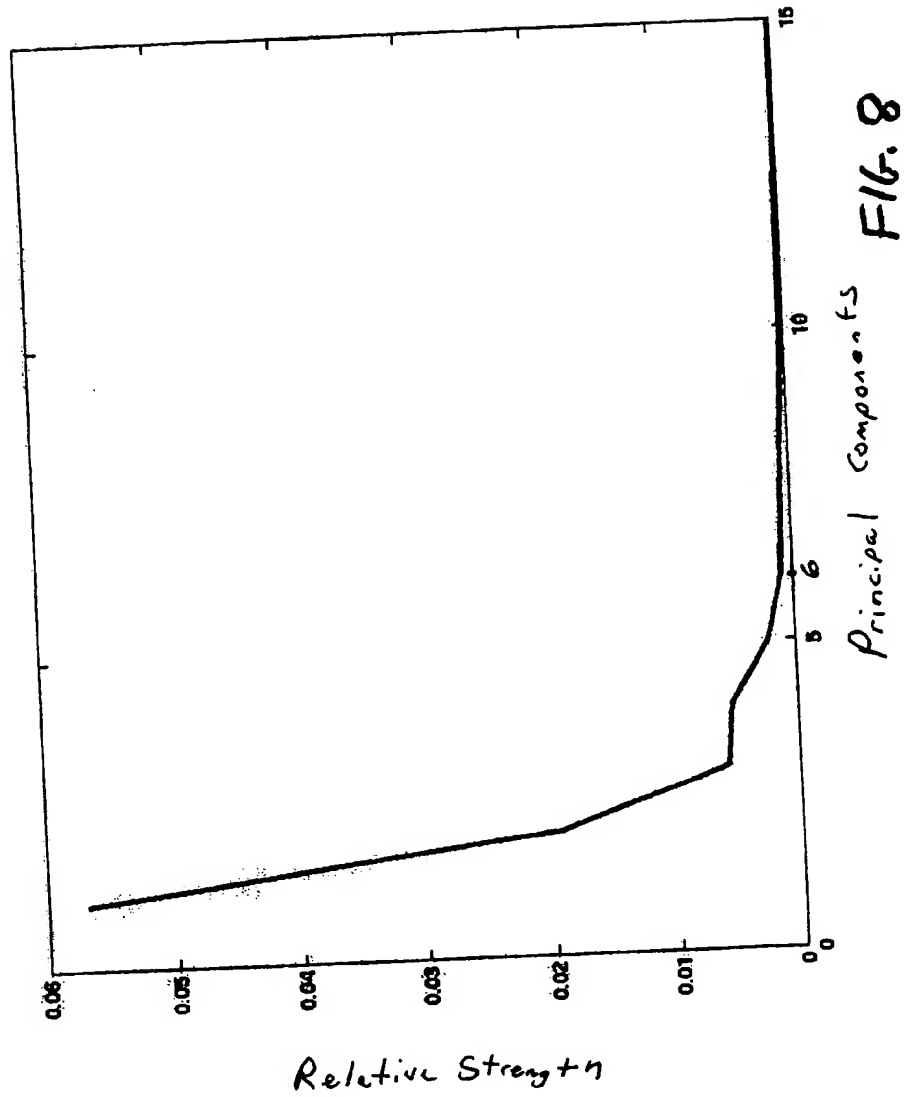


FIG. 7



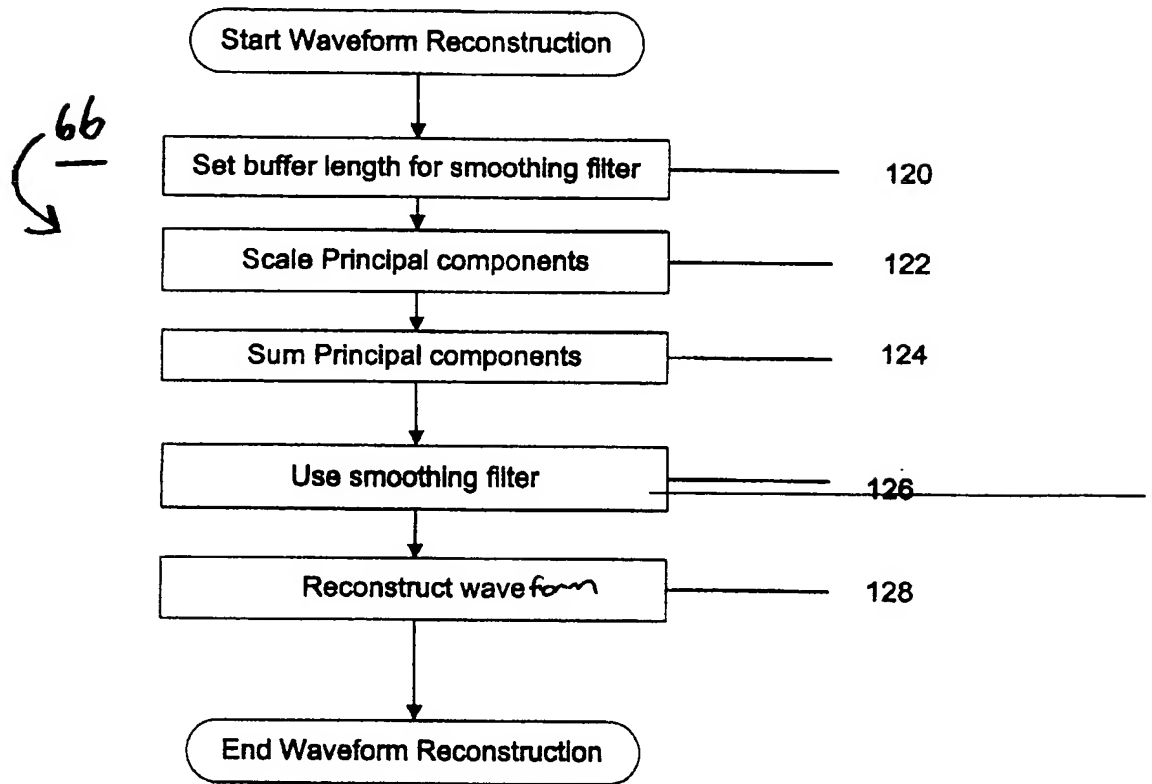
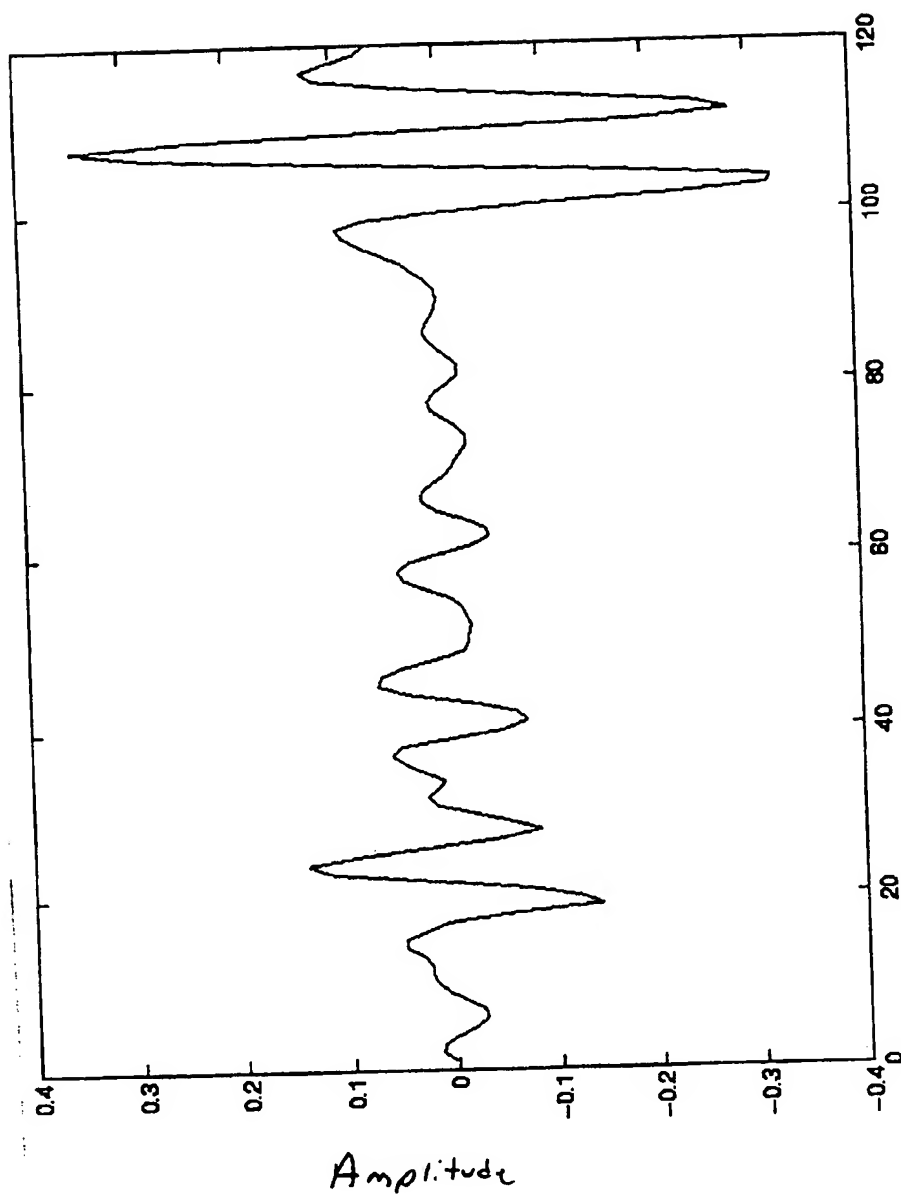


FIG. 9



Time
FIG. 10A

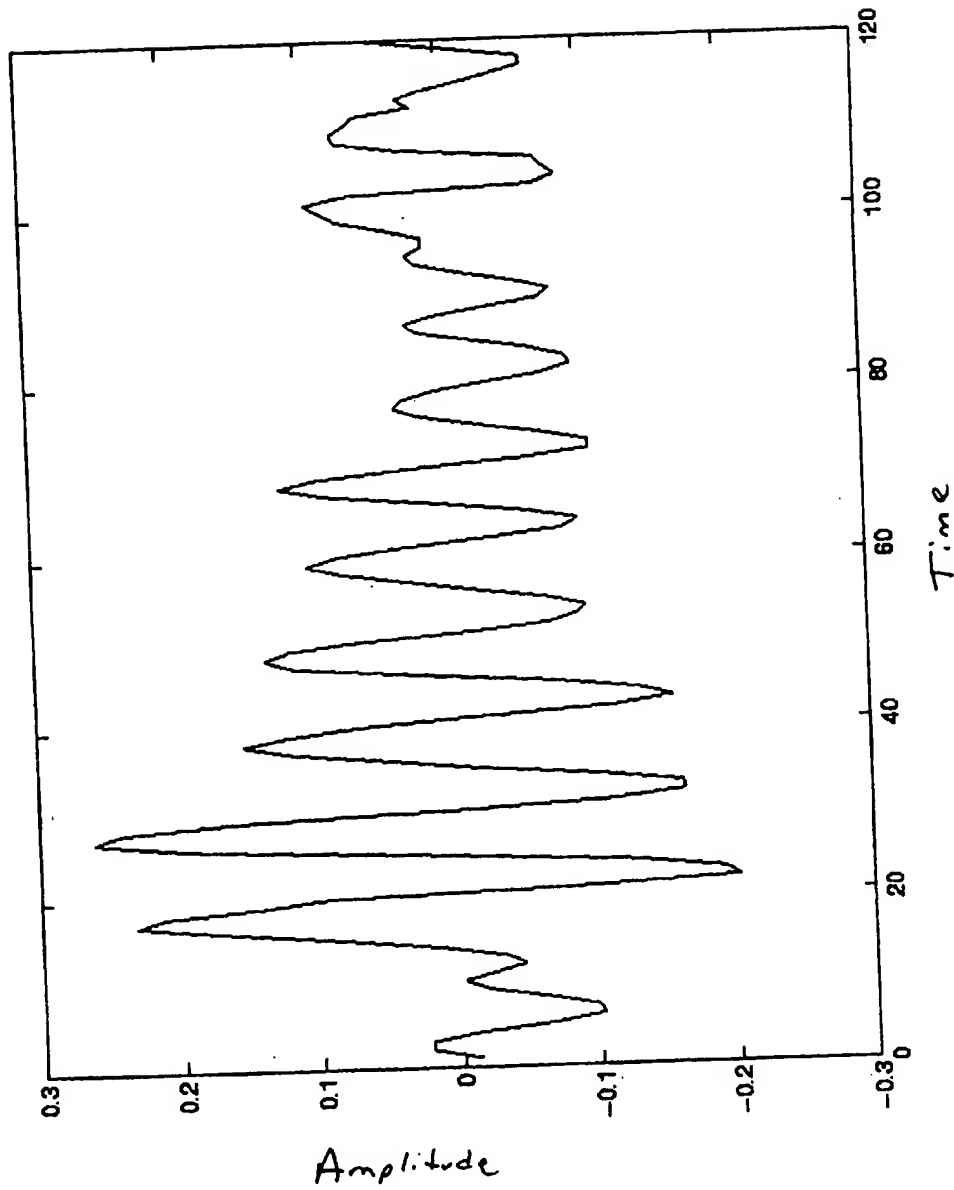


FIG 10B

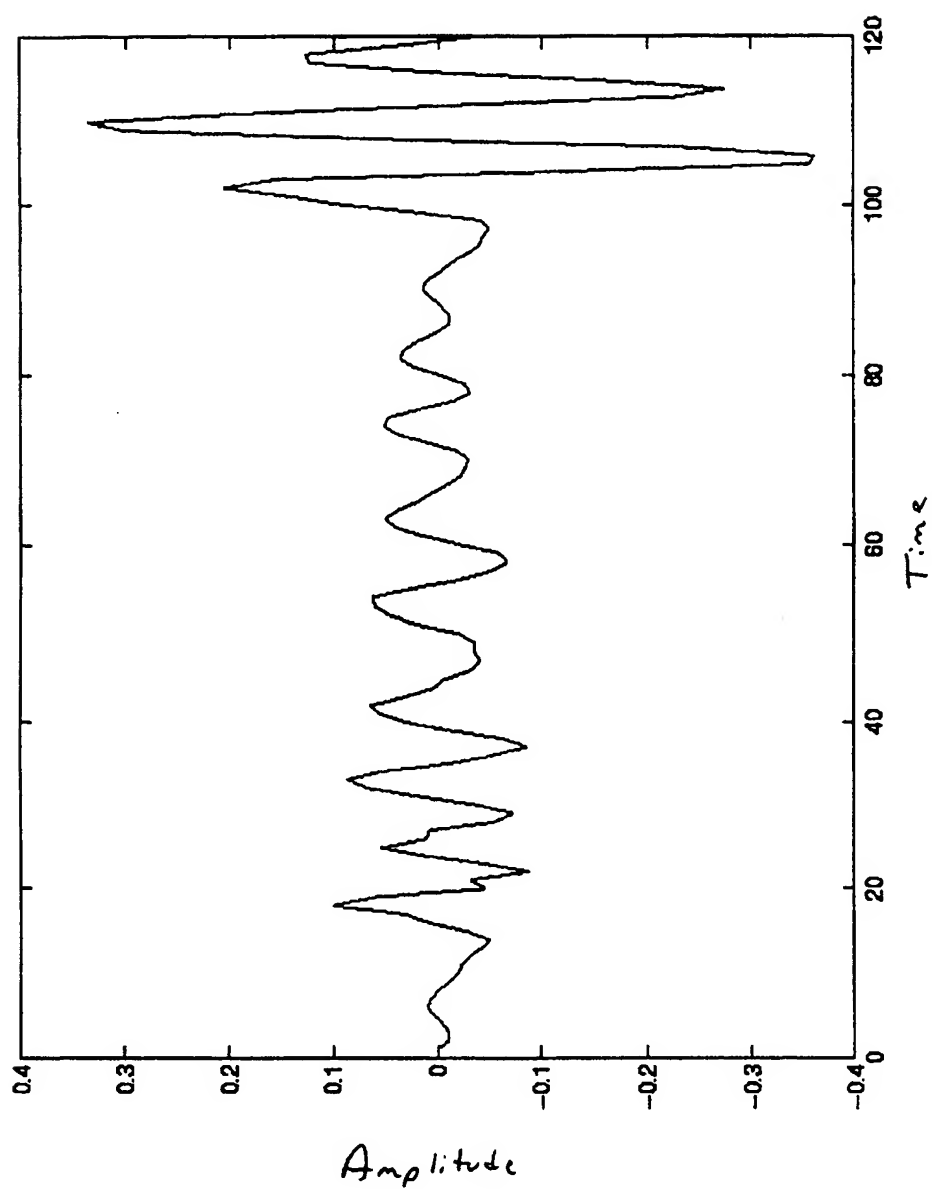
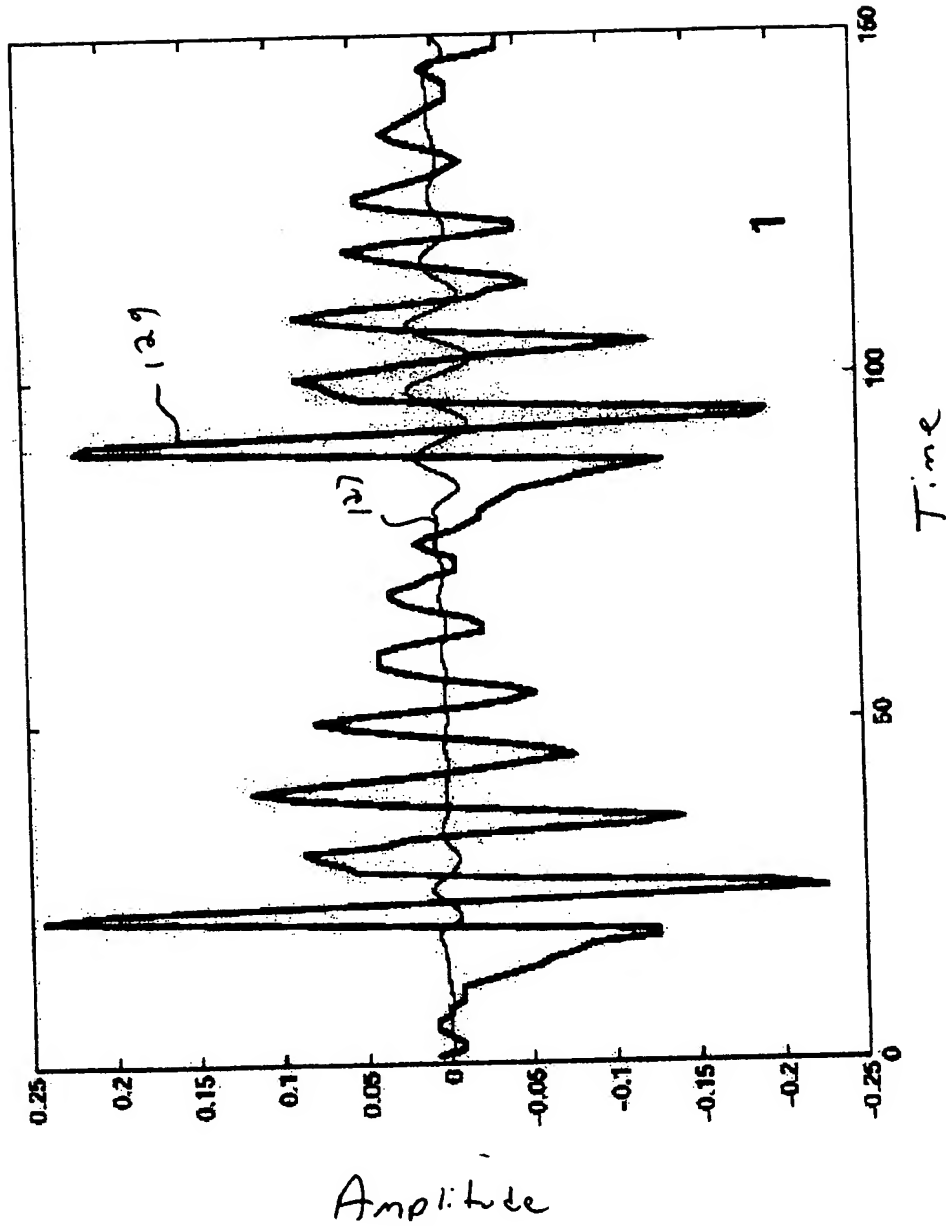
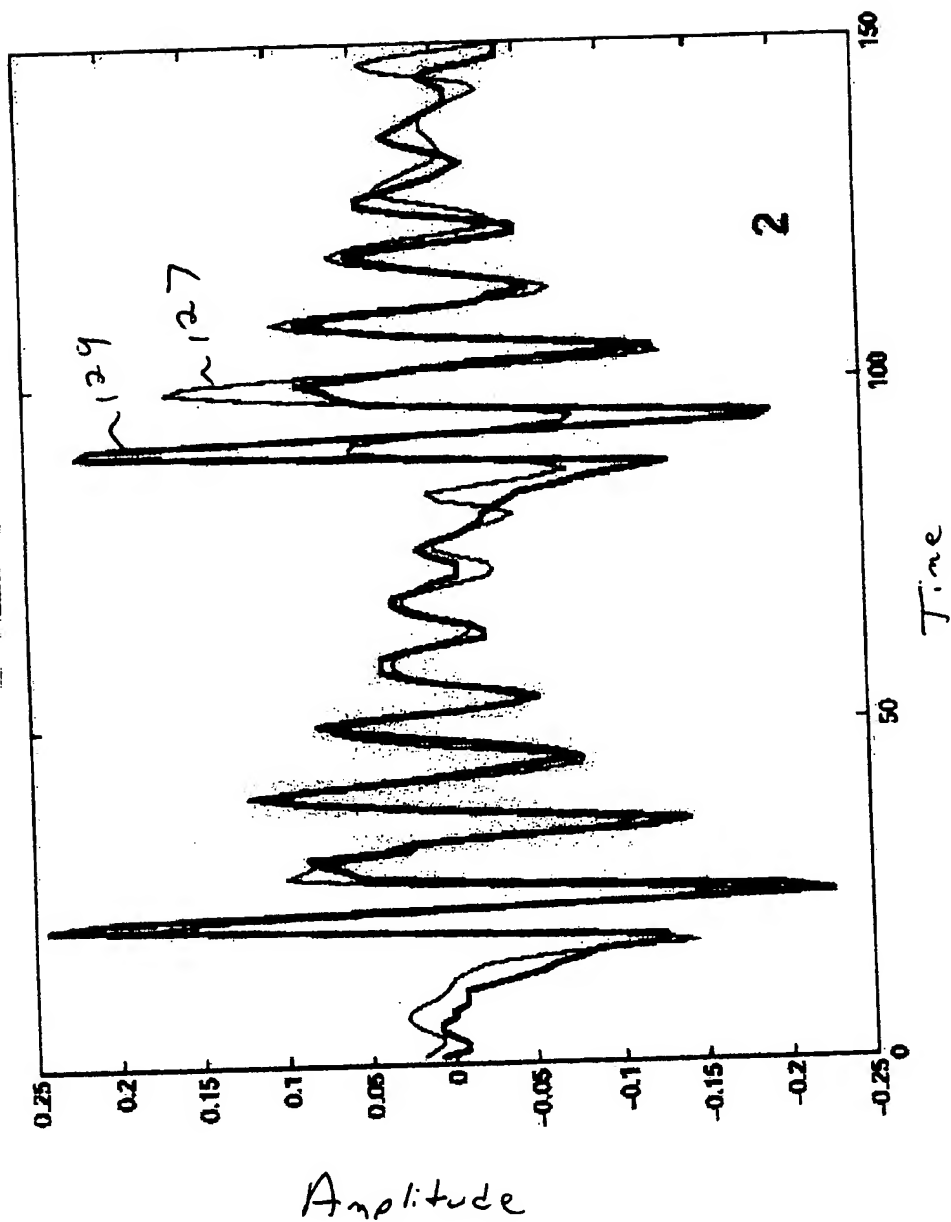
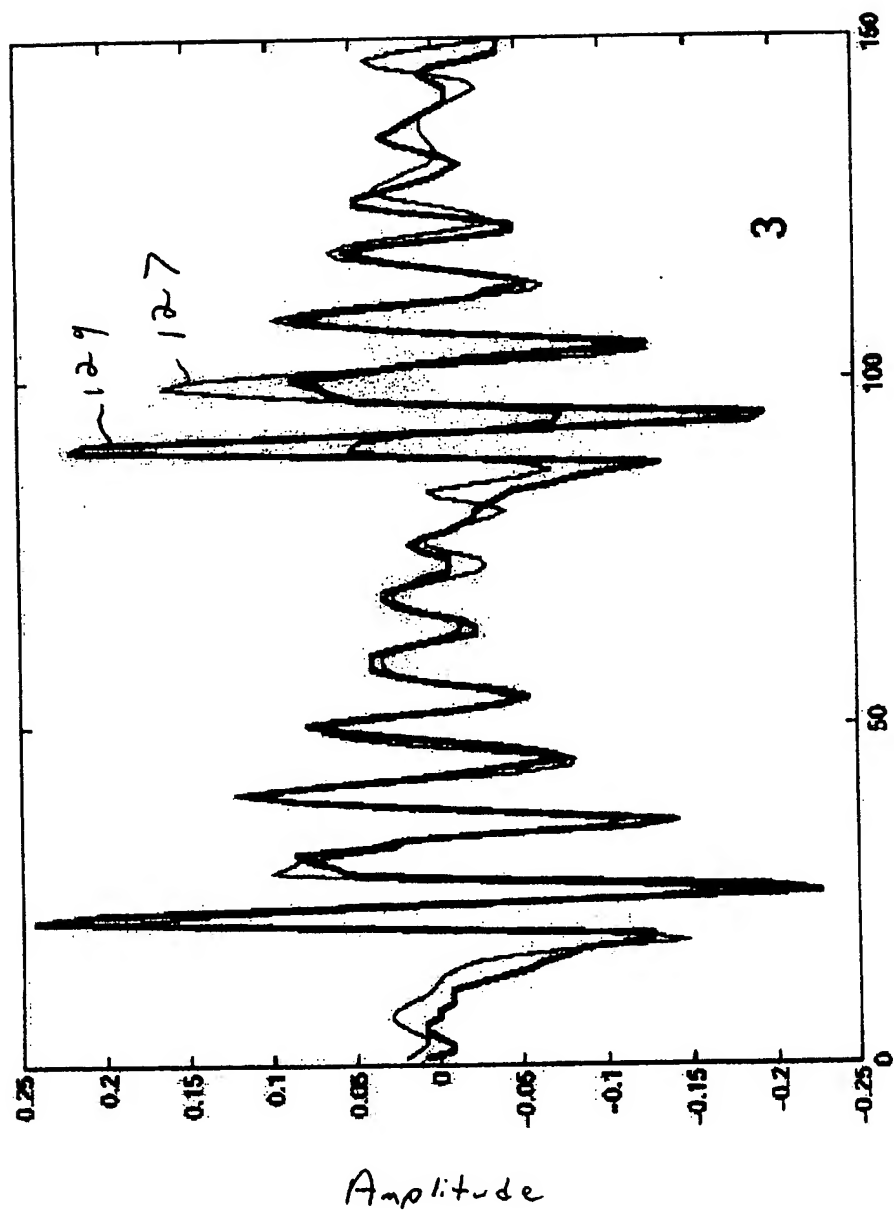
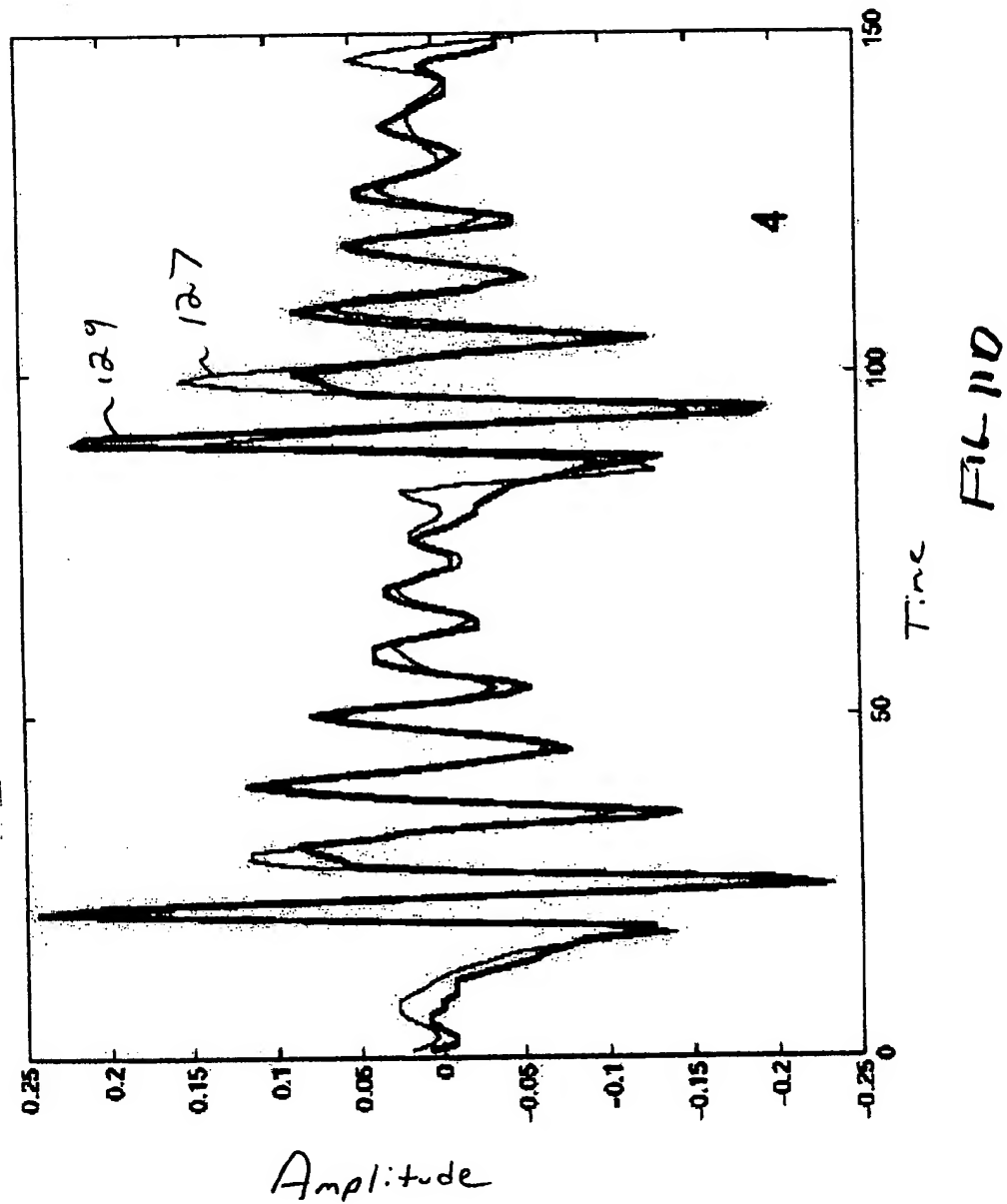


FIG. 10C









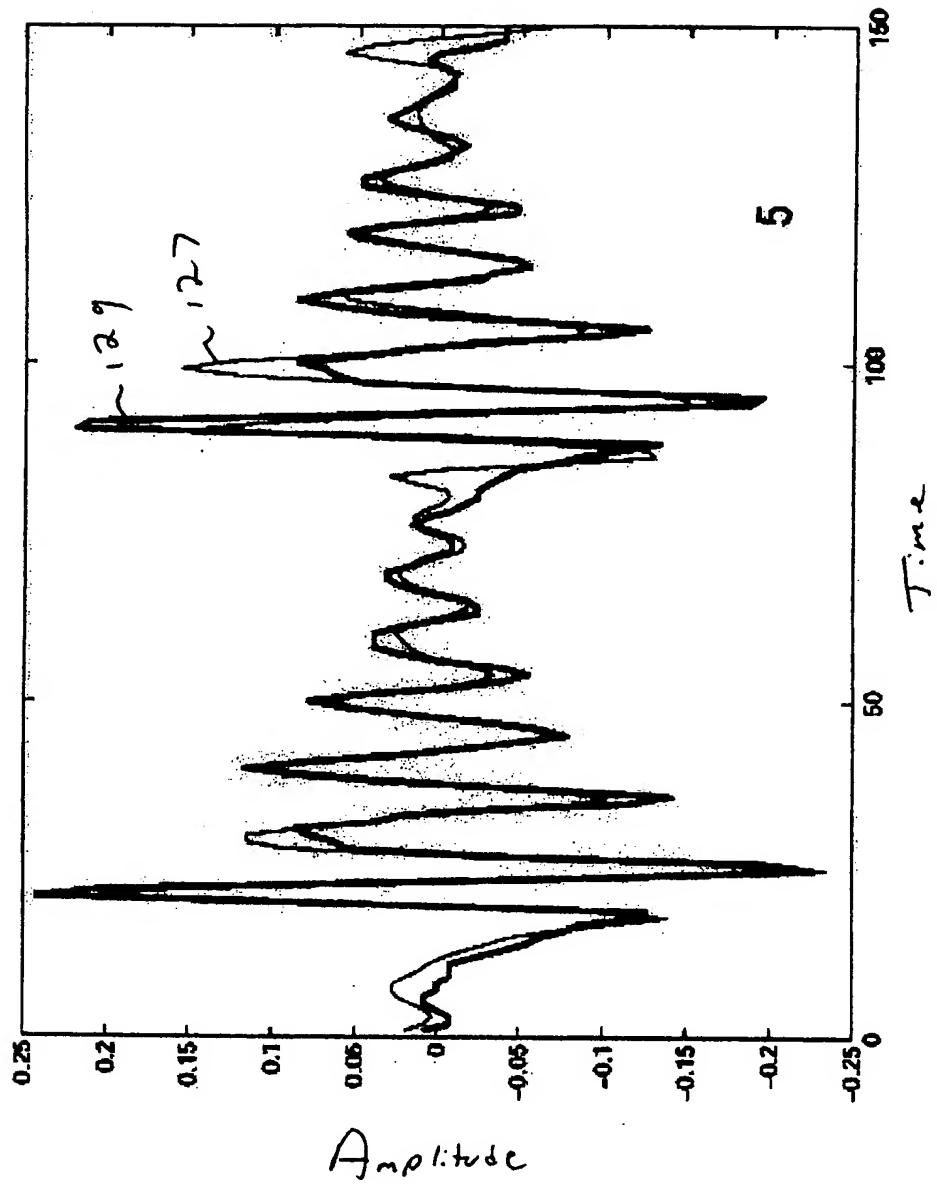


Fig. 11E

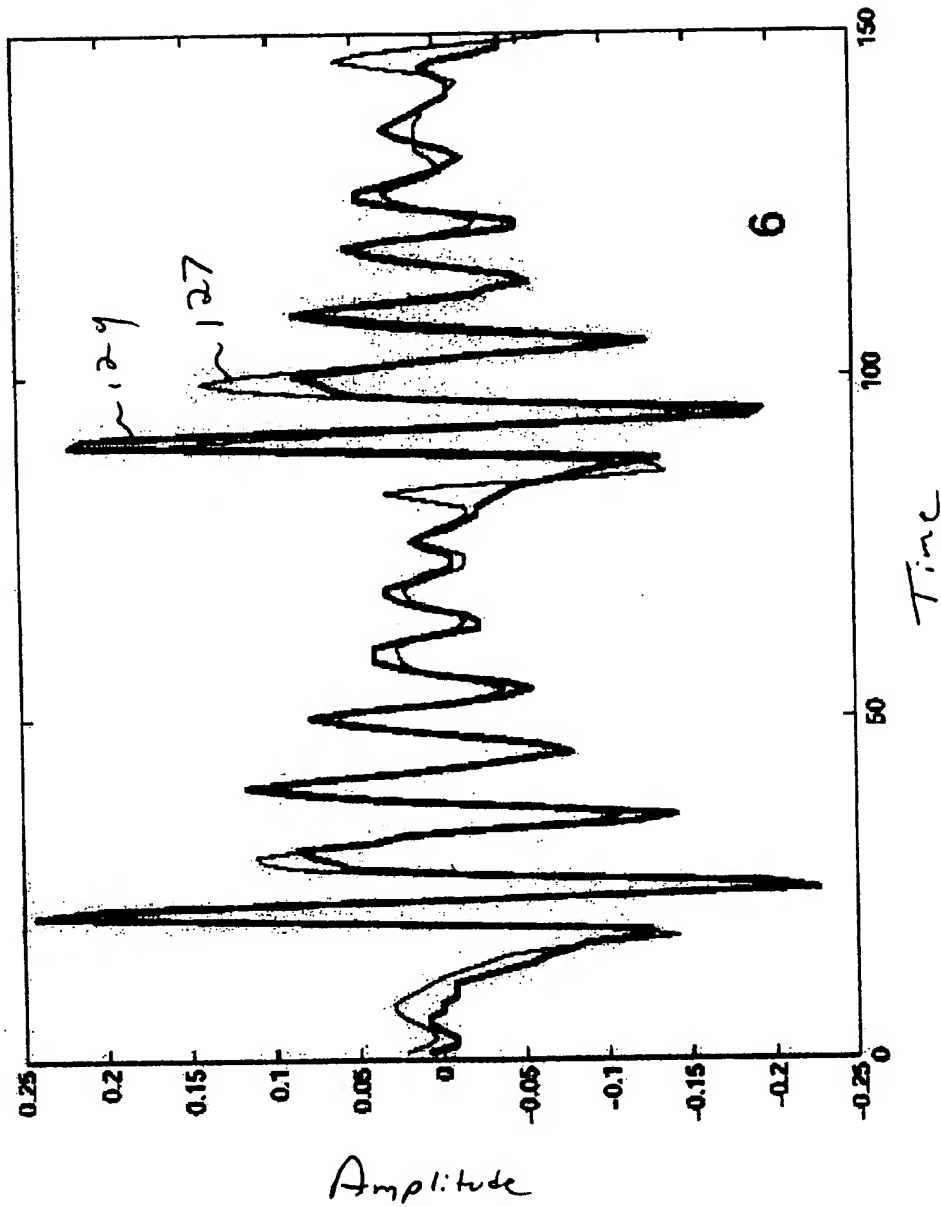
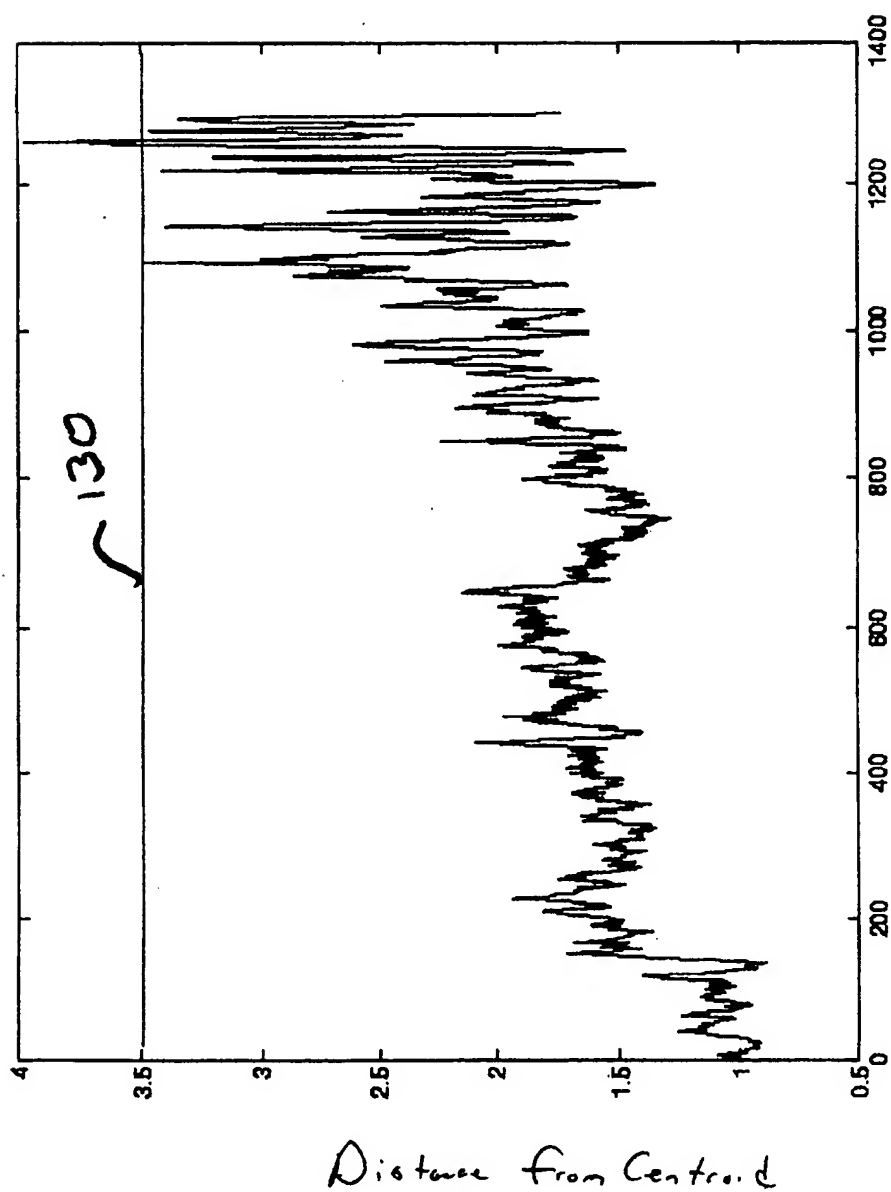


Fig. 11F



Pitch Periods
Fig. 1a

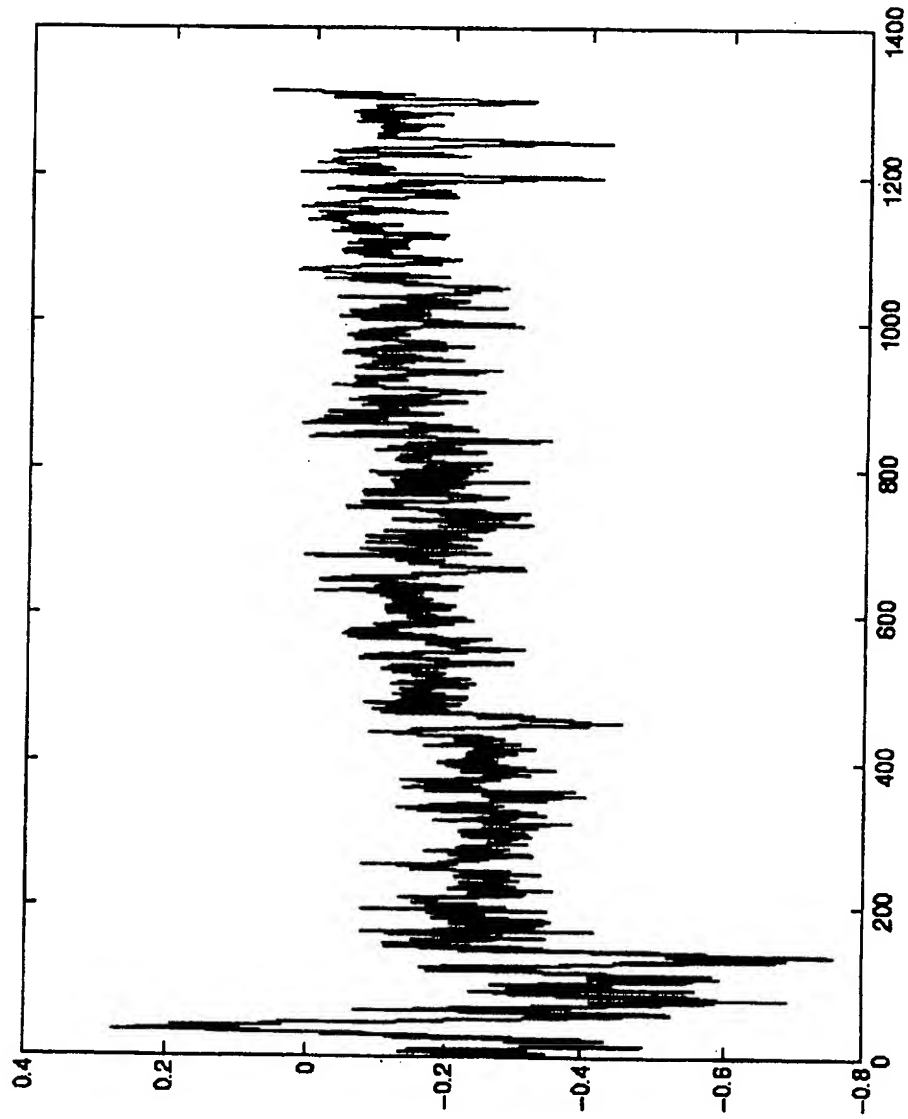


FIG. 13A

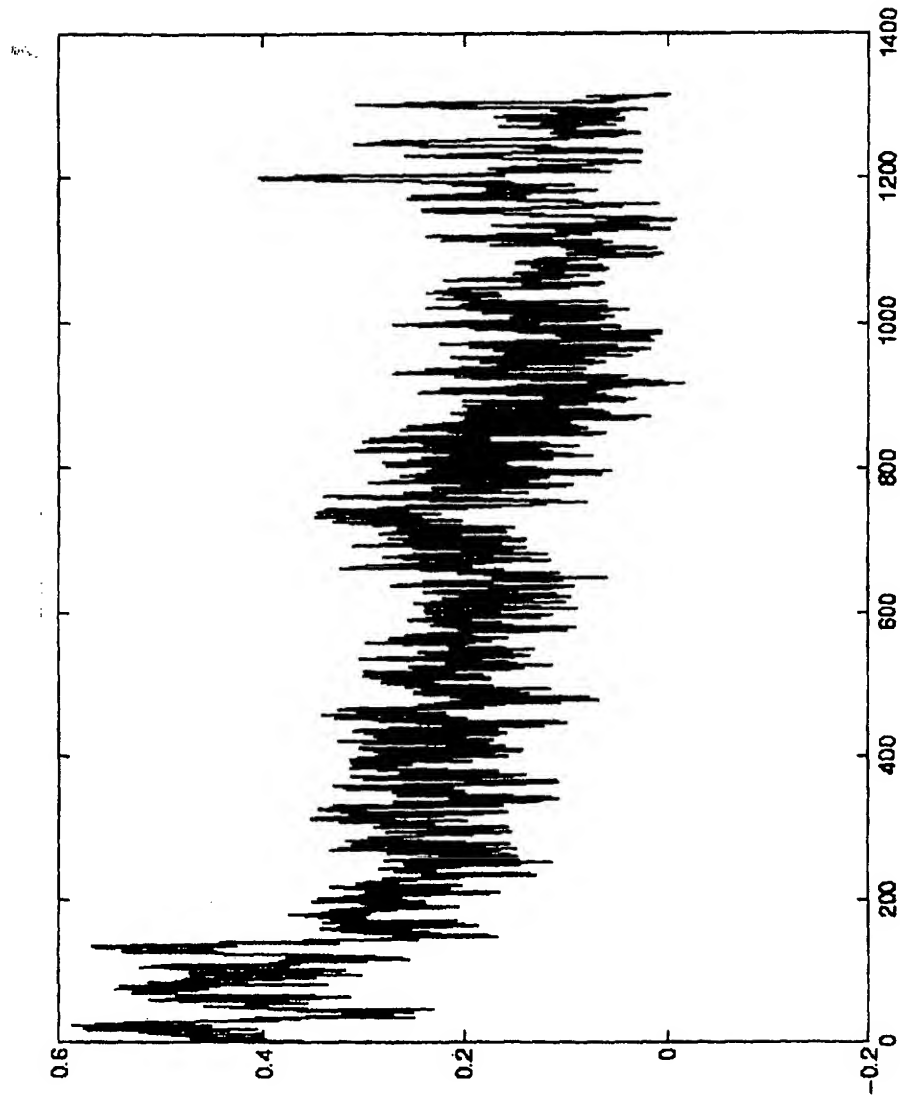


FIG 13B

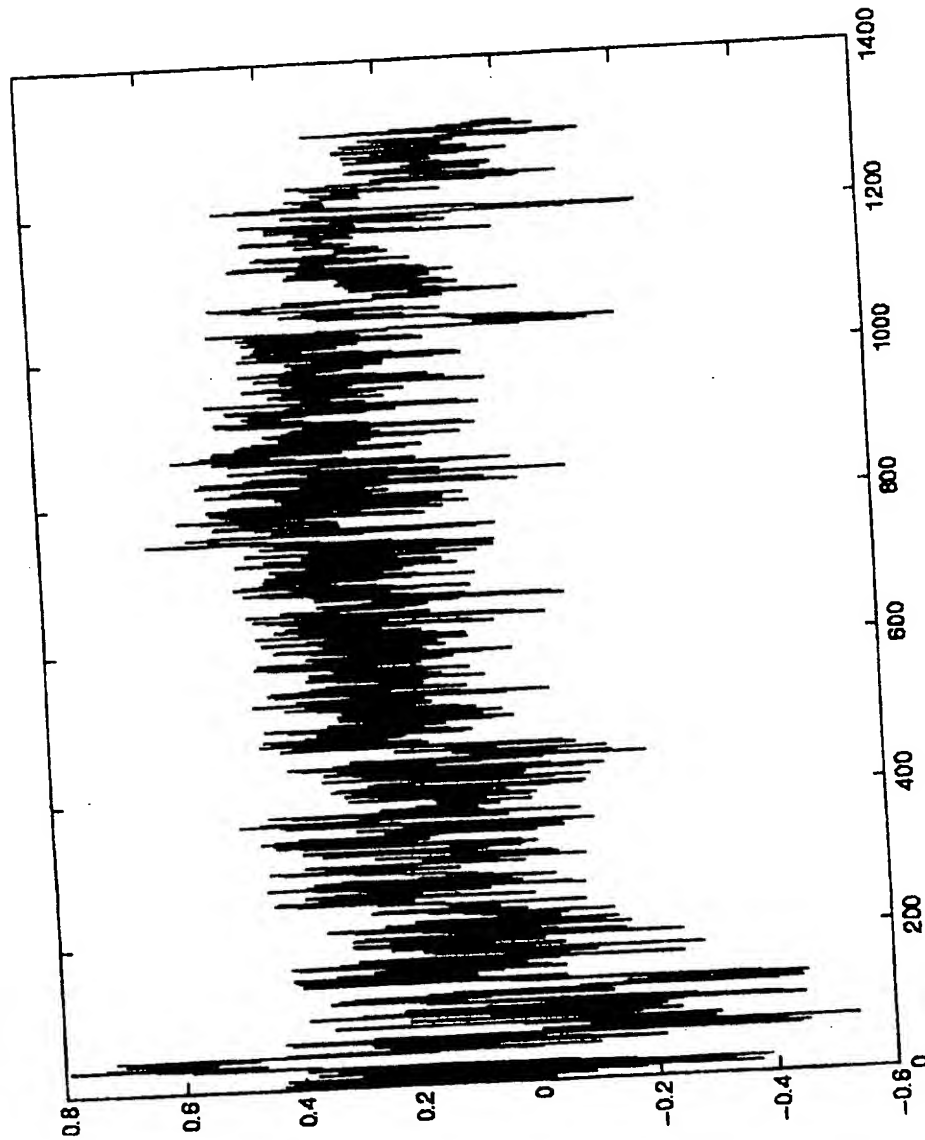


FIG. 13C

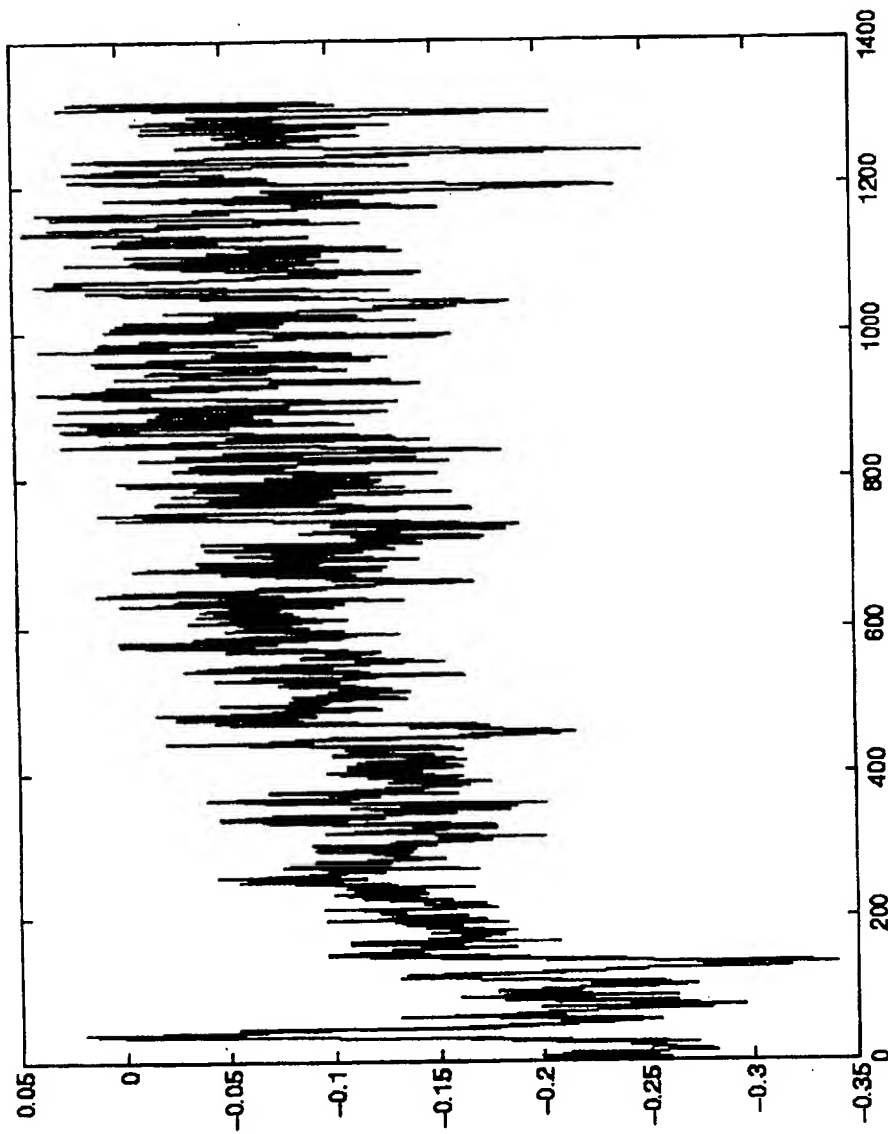
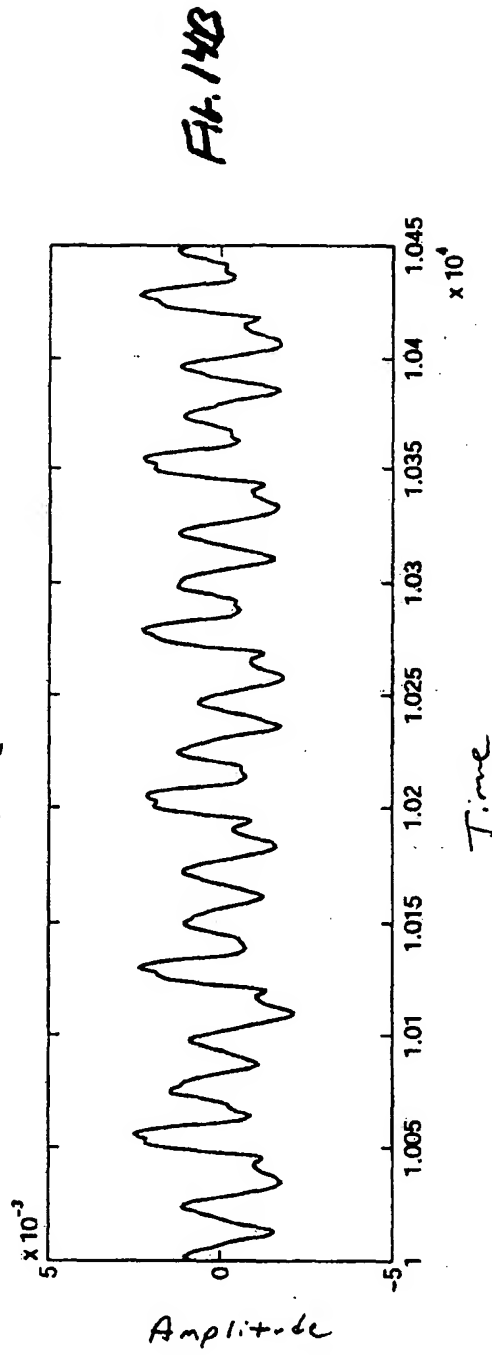
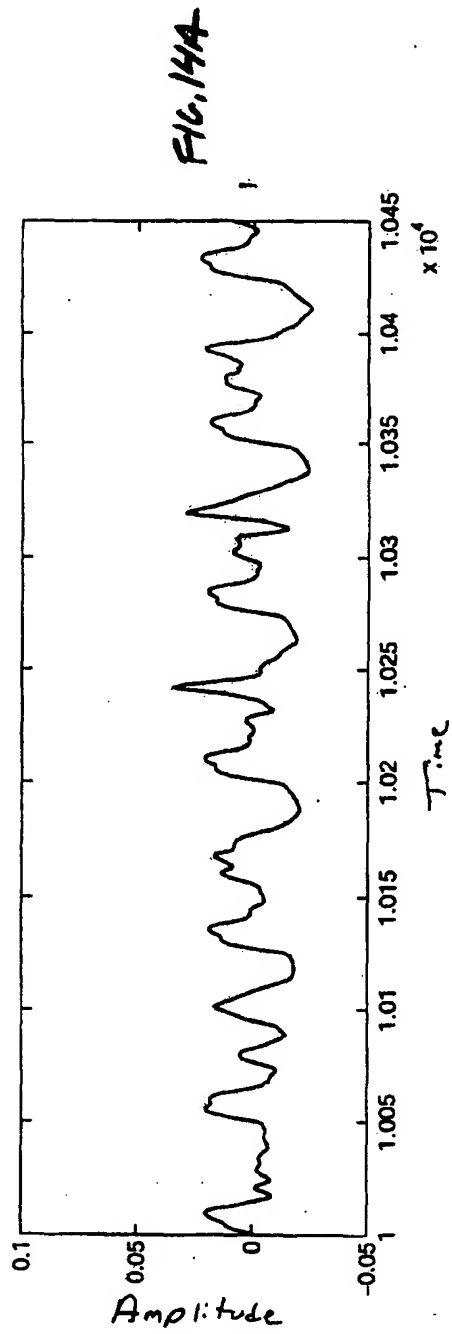


FIG. 130



SPEECH RECOGNITION VIA
PRINCIPAL COMPONENT ANALYSIS

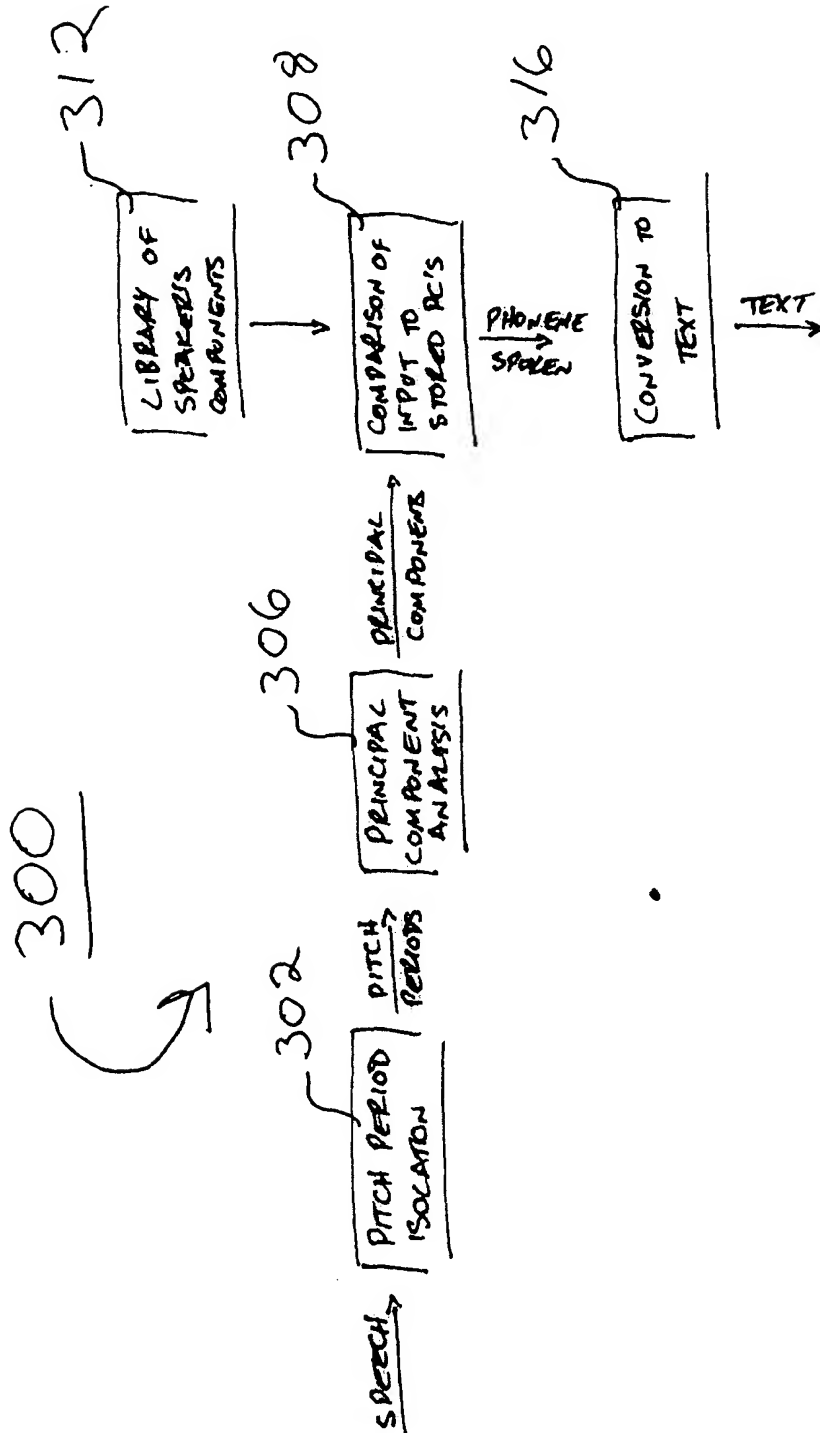


FIG. 15

SPEECH SYNTHESIS VIA
PRINCIPAL COMPONENT ANALYSIS

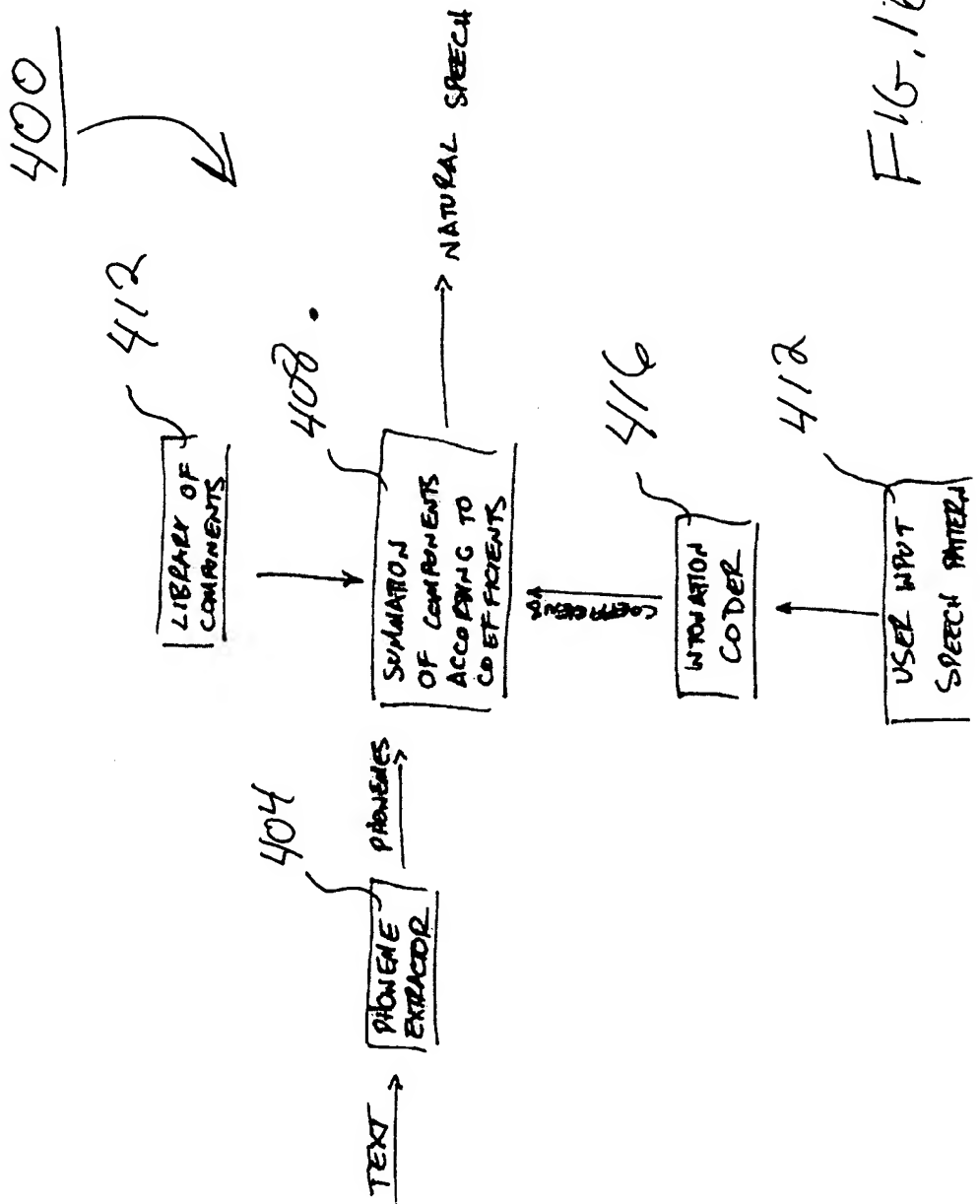


FIG. 16

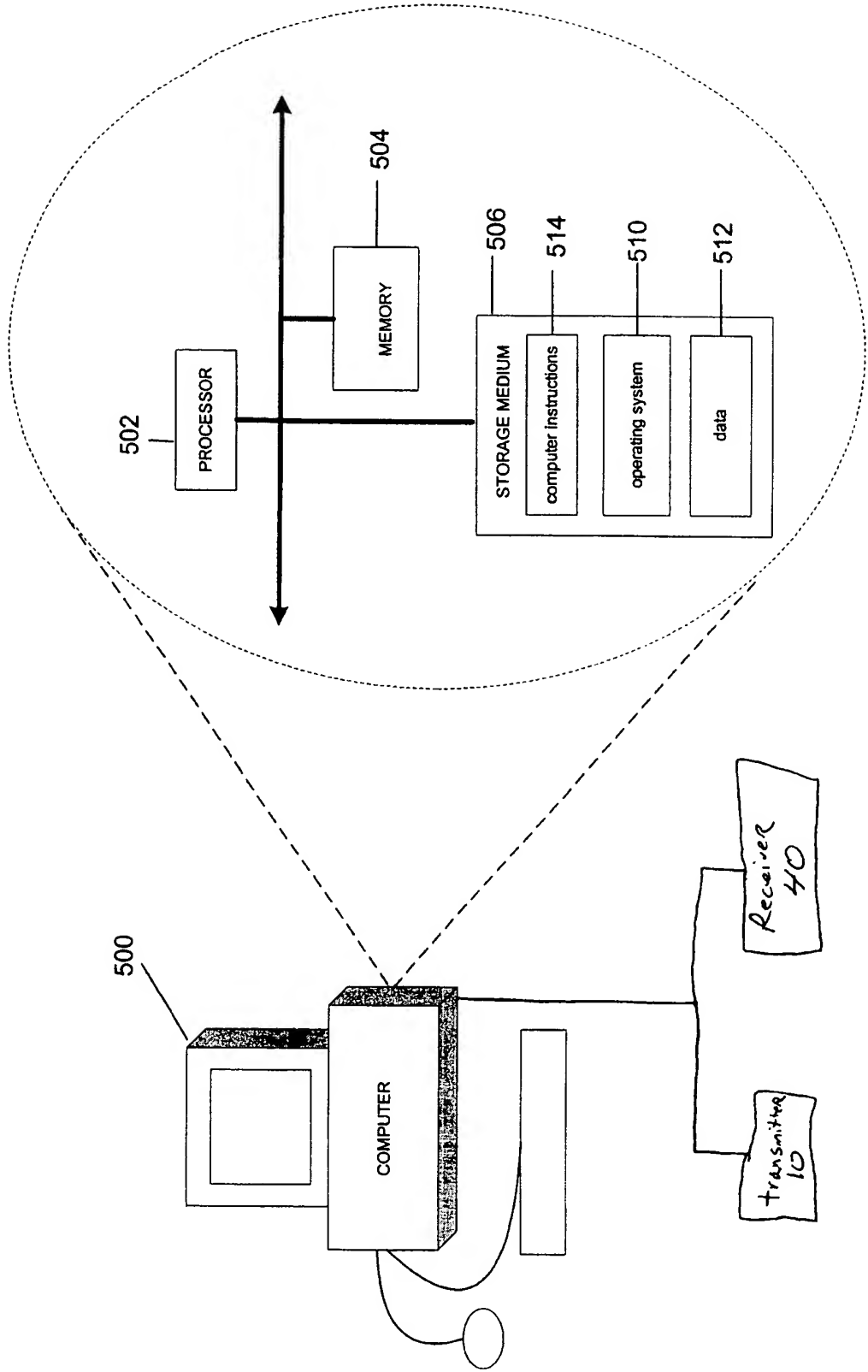


FIG. 17